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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/657,100 | 09/09/2003 | Takeharu Arakawa | Q77201 | 9856 |
| 23373 | 7590 | 11/30/2005 | EXAMINER | |
| SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037 | | | NGUYEN, KHAI MINH | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2687 | |

DATE MAILED: 11/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/657,100

Applicant(s)

ARAKAWA, TAKEHARU

Examiner

Khai M. Nguyen

Art Unit

2687

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 September 2005.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 6-10 is/are allowed.
- 6) ☒ Claim(s) 1,3-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. This Office Action is response to Amendment filed on 9/30/2005
Claims 1, 3-10 are pending.

Response to Arguments

2. Applicant's arguments with respect to claims 1, 3-10 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 3-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kung (U.S.Pat-6584328) in view of Rosenberg et al. (U.S.Pub-20030046355).

Regarding claims 1, 5: Kung teaches communication terminal unit and comprising:

a display unit (fig.2, element 18, col.2, lines 45-59);

a display control unit for screen-displaying the predetermined information on said display unit (fig.1, element 20, col.2, lines 45-59);

a communication unit for transmitting/receiving information to/from an information center (fig.1, element 34, col.2, line 60 to col.3, line 4); and

a connection control unit for controlling a connection state of said communication unit with said information center (fig.1, col.2, lines 36-44);

wherein said communication terminal unit acquires the information from said information center by connecting via said communication unit to said information center (fig.1-2, abstract, col.3, lines 27-36), and

wherein said connection control unit starts a connection to said information center when a display-screen on said display unit transfers to the predetermined display contents under the control of said display control unit (fig.1-2, abstract, col.3, lines 37-50).

Kung fails to specially disclose the predetermined screen is a screen at a stage before transferring to displaying an input screen for inputting data to be transmitted to said information center. However, Rosenberg teaches a method and apparatus for managing information and data flow between points and, and Rosenberg teaches the predetermined screen is a screen at a stage before transferring to displaying an input screen for inputting data to be transmitted to said information center (fig.1, paragraph 0020, claim 12). Therefore, it has been obvious to one of ordinary skill in the art at the time the invention was made to use the predetermined screen is a screen at a stage

before transferring to displaying an input screen for inputting data to be transmitted to said information center as taught by Rosenberg with Kung teaching in order to improved data update rate, and allows for an increased speed of use of the invention.

Regarding claim 3, Kung and Rosenberg further teaches the communication terminal unit according to claim 1, wherein when the display on said display-screen unit transfers to screen for entering the kind of data transmitted via said communication unit under the control of said display control unit (see Kung, fig.1-2, abstract, col.3, lines 27-50), the connection control unit starts a connection to said information center is started (see Rosenberg, fig.1, paragraph 0020, claim 12).

Regarding claim 4, connection control method for use with a communication terminal unit comprising a display unit (fig.1-2, element 18, col.2, lines 45-49), a display control unit for screen-displaying the predetermined information on said display unit (fig.1, element 20, col.2, lines 45-59), a communication unit for transmitting/receiving information to/from information center (fig.1, element 34, col.2, line 60 to col.3, line 4), and a connection control unit for controlling a connection state of said communication unit with said information center (fig.1, col.2, lines 36-44, *establishing wireless communications between the base station 30 and the wireless handset 12, and a communication server 34 connected to the base station*), in which said communication terminal unit acquires

the information from said information center by connecting via said communication unit to said information center (fig.1, abstract, col.2, lines 36-44); the method comprising:

detecting that display-screen on said display unit transfers to the predetermined screen under the control of said display control unit (fig.1-2, abstract, col.2, lines 45-59, col.3, lines 27-50); and

Kung fails to specially disclose starting a connection to said information center when the display-screen on said display unit transfers to the predetermined screen. However, Rosenberg teaches a method and apparatus for managing information and data flow between points and, and Rosenberg teaches starting a connection to said information center when the display-screen on said display unit transfers to the predetermined screen (fig.1, paragraph 0020, claim 12). Therefore, it has been obvious to one of ordinary skill in the art at the time the invention was made to use starting a connection to said information center when the display-screen on said display unit transfers to the predetermined screen as taught by Rosenberg with Kung teaching in order to improved data update rate, and allows for an increased speed of use of the invention.

Allowable Subject Matter

4. Claims 6-10 are allowed.

Regarding claim 6: The following is an examiner's statement of reasons for allowance: Prior art teaches a communication terminal, comprising: a communication

circuit that transmits information to an information center and that receives information from the information center, wherein the information center is remote from the communication terminal. However, the prior art fails to teaches a controller that, in response to a predetermined event, instructs the communication circuit to begin to establish a communication line with the information center to create a communication session between the communication terminal and the information center, wherein the predetermined event occurs before a user instructs the controller to instruct the communication circuit to transmit initial data to the information center, and wherein the communication unit transmits the initial data to the information center before the communication unit transmits any other data to the information center in response to a user instruction during the communication session.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khai M. Nguyen whose telephone number is 571.272.7923. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on 571.272.7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Khai Nguyen
Au: 2687

11/25/2005



LESTER G. KINCAID
SUPERVISORY PRIMARY EXAMINER